

September 16, 2016

Distributive Tool

$$a(b+c) = ab+ac$$

$$2x(7y-1) = 14xy - 2x$$

$$2x \cdot 7y - 2x \cdot 1$$

$$= 14xy - 2x$$

Sep 16-9:06 AM

$x = -5$   $y = -4$

$$|-x^2| - y^2$$

$$|-(-5)^2| - (-4)^2$$

$$|-25| - 16 \quad -4^2 \text{ or } (-4)^2$$

$$25 - 16$$

$$|-(-5)^2| - (-4)^2 = \boxed{25 + 16}$$

- T or F
- why?

Sep 16-9:23 AM

A.) one-step Eq.  
Do core 2.1

B.) Multi-step Eq.

Sep 16-9:28 AM

#3)  $\boxed{3p-2} = \boxed{-29}$

$$\frac{3p-2}{3} = \frac{-29}{3}$$

$\frac{1}{3} \cdot \frac{3}{1}$   
 $= \frac{3}{3}$

$$\boxed{p = -9}$$

Check

$$3(-9) - 2 = -29$$

$$-27 - 2 = -29$$

$$(-27) + (-2) = -29$$

$$-29 = -29 \checkmark$$

Sep 16-9:32 AM

#1)  $\frac{10}{1} \left( \frac{x}{10} + 4 = \frac{5}{1} \right)$  \* when solving equations containing fractions use the LCD & Distribute through the whole equation.

JCD: 10

$$x + 40 = 50$$

$$\begin{array}{r} x + 40 = 50 \\ -40 \quad -40 \\ \hline x = 10 \end{array}$$

$$\frac{10}{10} + 4 = 5$$

$$1 + 4 = 5$$

$$5 = 5 \checkmark$$

Sep 16-9:44 AM